

Power Cost Memorandum

Fuel Cost Update and Surcharge Change

Date: April 6, 2023

Utility Name (Cert. No.) CORDOVA ELECTRIC COOPERATIVE, INC. (160)	Utility File No. PC15-0417TTT	Date Filed: March 3, 2023
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PCE AMOUNT SUMMARY	Previously Calculated PC15-0417SSS	Staff Recommended Amount(s) and Effective Date PC15-0417TTT
Class Rate	<u>Date Approved:</u> February 17, 2023	April 7, 2023
Residential - First 500/kWh	\$0.0902	\$0.0926
Residential - Over 501/kWh	\$0.0902	\$0.0926
Community Facilities:		
Boat Harbor first 500 kWh	\$0.0902	\$0.0926
Boat Harbor Over 500 kWh	\$0.0902	\$0.0926
General Service 0 to 500 kWh	\$0.0902	\$0.0926
General Service over 500 kWh	\$0.0902	\$0.0926
Large Power 0 to 5,000 kWh	\$0.0902	\$0.0926
Large Power 5,001 to 20,000 kWh	\$0.0902	\$0.0926
Large Power Over 20,000 kWh	\$0.0902	\$0.0926
Street Lights	\$0.0902	\$0.0926
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$3.4906</u>	New Fuel Purchase Price: <u>\$3.6273</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.26820</u> Updated <u>0.26820</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/6/23)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<i>KKT</i>		
Doyle		<i>BD</i>		
Pickett		<i>BP</i>		
Sullivan		<i>BP</i> for DS		
Wilson		<i>JWW</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CORDOVA ELECTRIC COOPERATIVE, INC.

POWER COST EQUALIZATION CALCULATION

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

	PC15-0417SSS	PC15-0417TTT	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	25,143,424	25,143,424	25,143,424
B. Total kWh Sold (Appendix 2)	23,444,126	23,444,126	23,444,126
C. Total Non-Fuel Costs (Appendix 2)	\$5,257,401	\$5,257,401	\$5,257,401
D. Non-Fuel Cost/kWh (C / B)	\$0.2243	\$0.2243	\$0.2243
E. Total Fuel Costs (Appendix 2)	\$1,555,586	\$1,616,506	\$1,616,506
F. Fuel Costs/kWh (E / B)	\$0.0664	\$0.0690	\$0.0690
G. Eligible Costs/kWh (D + F)	\$0.2907	\$0.2933	\$0.2933
H. Eligible Cost/kWh (G) less base rate in effect	\$0.0949	\$0.0975	\$0.0975
I. Lesser of (H) or 80.42 cents/kWh	\$0.0949	\$0.0975	\$0.0975
J. Average Class Rates (Appendix 3)			
Residential - First 500/kWh	\$0.3239	\$0.3239	\$0.3239
Residential - Over 501/kWh	\$0.3239	\$0.3239	\$0.3239
Community Facilities:			
Boat Harbor first 500 kWh	\$0.4368	\$0.4368	\$0.4368
Boat Harbor Over 500 kWh	\$0.4037	\$0.4037	\$0.4037
General Service 0 to 500 kWh	\$0.3630	\$0.3630	\$0.3630
General Service over 500 kWh	\$0.3254	\$0.3254	\$0.3254
Large Power 0 to 5,000 kWh	\$0.3143	\$0.3143	\$0.3143
Large Power 5,001 to 20,000 kWh	\$0.2948	\$0.2948	\$0.2948
Large Power Over 20,000 kWh	\$0.2750	\$0.2750	\$0.2750
Street Lights	\$0.4449	\$0.4449	\$0.4449
Class Power Cost Equalization			
Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential - First 500/kWh	\$0.0902	\$0.0926	\$0.0926
Residential - Over 501/kWh	\$0.0902	\$0.0926	\$0.0926
Community Facilities:			
Boat Harbor first 500 kWh	\$0.0902	\$0.0926	\$0.0926
Boat Harbor Over 500 kWh	\$0.0902	\$0.0926	\$0.0926
General Service 0 to 500 kWh	\$0.0902	\$0.0926	\$0.0926
General Service over 500 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power 0 to 5,000 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power 5,001 to 20,000 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power Over 20,000 kWh	\$0.0902	\$0.0926	\$0.0926
Street Lights	\$0.0902	\$0.0926	\$0.0926
L. Funding Level in Effect	100%	100%	100%
Residential - First 500/kWh	\$0.0902	\$0.0926	\$0.0926
Residential - Over 501/kWh	\$0.0902	\$0.0926	\$0.0926
Community Facilities:			
Boat Harbor first 500 kWh	\$0.0902	\$0.0926	\$0.0926
Boat Harbor Over 500 kWh	\$0.0902	\$0.0926	\$0.0926
General Service 0 to 500 kWh	\$0.0902	\$0.0926	\$0.0926
General Service over 500 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power 0 to 5,000 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power 5,001 to 20,000 kWh	\$0.0902	\$0.0926	\$0.0926
Large Power Over 20,000 kWh	\$0.0902	\$0.0926	\$0.0926
Street Lights	\$0.0902	\$0.0926	\$0.0926

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Appendix 1

CORDOVA ELECTRIC COOPERATIVE, INC.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

BASED ON TEST PERIOD ENDING DECEMBER 31, 2016

Fuel Cost Update and Surcharge Change

		PC15-0417SSS	PC15-0417TTT	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Hydraulic Power Generation		734,419	734,419	734,419
B. Other Power Generation		798,864	798,864	798,864
C. Distribution Expenses		695,937	695,937	695,937
D. Consumer Expenses		305,814	305,814	305,814
E. Administrative & General		1,164,204	1,164,204	1,164,204
F. Allowable Fixed Costs		1,531,670	1,531,670	1,531,670
G. Fuel Cartage, Lube Oil & Boiler Fuel		28,024	28,024	28,024
Revenues not related to Operating Exp.				
H.1 Interest Income		0	0	0
H.2 Non-operating Income		(132,843)	(132,843)	(132,843)
Non-operating Expense		131,312	131,312	131,312
Total Non-Fuel Costs		\$5,257,401	\$5,257,401	\$5,257,401
Fuel Costs:				
I. Gallons Consumed for Electric Generation		445,650	445,650	445,650
J. Price of Fuel		3.4906	3.6273	3.6273
K. Total Cost of Fuel		\$1,555,586	\$1,616,506	\$1,616,506
L. Total Sales		23,444,126	23,444,126	23,444,126
M.1 kWh Generated Diesel		5,733,054	5,733,054	5,733,054
M.2 kWh Generated Hydro		19,410,370	19,410,370	19,410,370
M.3 Total kWh Generated		25,143,424	25,143,424	25,143,424
N. Station Service		272,540	272,540	272,540
O. Fuel Efficiency	<u>Standard</u>			
(M.1/I)	≥ 12.0	12.86	12.86	12.86
P. Line Loss	≤ 12%	5.67%	5.67%	5.67%

((kWh generated-(kWh sales+ Station Service))/kWh generated

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Appendix 2

CORDOVA ELECTRIC COOPERATIVE, INC.

Surcharge 0.26820

Calculation of Average Class Rate per kWh

Rate Schedule: 100 Residential

Customer Charge (CC): \$15

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750 x(4))+ CC	(6) Avg. (\$/kWh) (5)/(750)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.2714	0.26820	0.5396	419.70	0.5596	0.3638
>500	0.2115	0.26820	0.4797	359.78	0.4797	0.2839
750						0.3239
TOTAL (A)						(E)

Rate Schedule: Boat Harbor

Customer Charge (CC) : \$17.25

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (750x(4))+ CC	(6) Avg. (\$/kWh) (5)/750	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
500	0.341400	0.26820	0.6096	474.45	0.6326	0.4368
>500	0.308300	0.26820	0.5765	449.63	0.5995	0.4037
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
TOTAL (A)						(E)

CORDOVA ELECTRIC COOPERATIVE, INC.

Computation of Community Facilities Average Rate

Rate Schedule: 200 General Service

Consumer Charge:

\$23.50

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (CC/500)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 500	0.2593	0.26820	0.5588	0.3630
501 to 9,999,999	0.2217	0.26820	0.5212	0.3254

Rate Schedule: 800 Large Power

Consumer Charge:

\$51.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B) +	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to 5000	0.1739	0.26820	0.5101	0.3143
5,001 to 25,000	0.1544	0.26820	0.4906	0.2948
Over 25,000	0.1346	0.26820	0.4708	0.2750

Rate Schedule: 900 Street Lights

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - \$0.1958 kWh
0 to ∞	0.3725	0.26820	0.6407	0.4449

Signature: Keith Kurber II
Keith Kurber II (Apr 6, 2023 10:11 AKDT)

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Signature: Bob Doyle
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Appendix 3
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Signature: Bob Pickett
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Signature: Janis W. Wilson
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